

## DECLARATION

As the below-named inventors, we declare that:

Our residences, post office addresses, and citizenships are as stated below under our names.

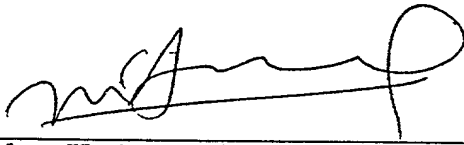
We believe we are the original, first, and joint inventors of the invention entitled "POLISHING PADS AND PLANARIZING MACHINES FOR MECHANICAL AND CHEMICAL-MECHANICAL PLANARIZATION OF MICROELECTRONIC-DEVICE SUBSTRATE ASSEMBLIES, AND METHODS FOR MAKING AND USING SUCH PADS AND MACHINES," which is described and claimed in the foregoing specification and for which a patent is sought.

We have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to herein (if any).

We acknowledge our duty to disclose information of which we are aware which is material to patentability and examination of this application in accordance with 37 C.F.R. § 1.56(a).

We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that the making of willfully false statements and the like is punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and may jeopardize the validity of any patent issuing from this patent application.

102001 00102560



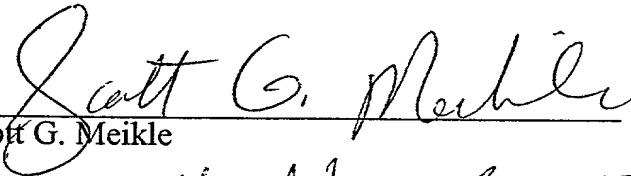
Vishnu K. Agarwal

Date 12<sup>th</sup> November, 1998

Residence : City of Boise, County of Ada  
State of Idaho

Citizenship : India

P.O. Address : 2382<sup>nd</sup> ~~2463~~ E. Red Cedar Lane, #~~103~~ 303 2nd  
Boise, Idaho 83716



Scott G. Meikle

Date 17<sup>th</sup> November, 1998

Residence : City of Boise, County of Ada  
State of Idaho

Citizenship : Canada

P.O. Address : 1301 E. Jefferson  
Boise, Idaho 83712

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Vishnu K. Agarwal and Scott G. Meikle  
Filed : Concurrently herewith  
For : POLISHING PADS AND PLANARIZING MACHINES  
FOR MECHANICAL OR CHEMICAL-MECHANICAL  
PLANARIZATION OF MICROELECTRONIC-DEVICE  
SUBSTRATE ASSEMBLIES, AND METHODS FOR  
MAKING AND USING SUCH PADS AND MACHINES

Docket No. : 660073.703

Box Patent Application  
Assistant Commissioner for Patents  
Washington, DC 20231

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73 AND POWER OF ATTORNEY

Sir:

The undersigned, being Assignee of the entire interest in the above-identified application by virtue of an Assignment filed concurrently herewith, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

Assignee hereby appoints RICHARD W. SEED, Reg. No. 16,557; ROBERT J. BAYNHAM, Reg. No. 22,846; EDWARD W. BULCHIS, Reg. No. 26,847; GEORGE C. RONDEAU, JR., Reg. No. 28,893; DAVID H. DEITS, Reg. No. 28,066; WILLIAM O. FERRON, JR., Reg. No. 30,633; PAUL T. MEIKLEJOHN, Reg. No. 26,569; DAVID J. MAKI, Reg. No. 31,392; RICHARD G. SHARKEY, Reg. No. 32,629; DAVID V. CARLSON, Reg. No. 31,153; MAURICE J.

PIRIO, Reg. No. 33,273; KARL R. HERMANN, Reg. No. 33,507; DAVID D. MCMASTERS, Reg. No. 33,963; ROBERT IANNUCCI, Reg. No. 33,514; MICHAEL J. DONOHUE, Reg. No. 35,859; CHRISTOPHER J. DALEY-WATSON, Reg. No. 34,807; STEVEN D. LAWRENZ, Reg. No. 37,376; ROBERT G. WOOLSTON, Reg. No. 37,263; ELLEN M. BIERMAN, Reg. No. 38,079; PAUL T. PARKER, Reg. No. 38,264; JOHN C. STEWART, Reg. No. 40,188; DAVID W. PARKER, Reg. No. 37,414; BRIAN G. BODINE, Reg. No. 40,520; FRANK ABRAMONTE, Reg. No. 38,066; E. RUSSELL TARLETON, Reg. No. 31,800; FREDERICK M. FLIEGEL, Reg. No. 36,138; JAN CAROL LITTLE, Reg. No. 41,181; THOMAS L. EWING, Reg. No. 34,328; CLIFTON G. GREEN, Reg. No. 41,044; KEVIN S. COSTANZA, Reg. No. 37,801; DALE C. BARR, Reg. No. 40,498; KEVIN S. ROSS, Reg. No. 42,116; PAUL F. RUSYN, Reg. No. 42,118; JOHN M. WECHKIN, Reg. No. 42,216; THOMAS E. LOOP, Reg. No. 42,810; STEPHEN J. ROSENMAN, Reg. No. 43,058; and BRIAN L. JOHNSON, Reg. No. 40,033, comprising the firm of SEED AND BERRY LLP, 6300 Columbia Center, Seattle, Washington 98104-7092; along with MICHAEL L. LYNCH, Reg. No. 30,871; LIA M. PAPPAS, Reg. No. 34,095; W. ERIC WEBOSTAD, Reg. No. 35,406; WALTER D. FIELDS, Reg. No. 37,130; CHARLES B. BRANTLEY, II, Reg. No. 38,086; SUSAN B. COLLIER, Reg. No. 34,566; KEVIN D. MARTIN, Reg. No. 37,882; and DAVID J. PAUL, Reg. No. 34,692, of Micron Technology, Inc., 8000 South Federal Way, Boise, Idaho 83706-9632, as its attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Please direct all telephone calls to **Paul T. Parker** at (206) 622-4900 and telecopies to (206) 682-6031.

Please direct all communications to:


Paul T. Parker, Esq.  
Seed and Berry LLP  
6300 Columbia Tower  
701 Fifth Avenue  
Seattle, Washington 98104-7092

102001 00102660

Pursuant to 37 C.F.R. § 3.73, the undersigned duly authorized designee of Assignee certifies that the evidentiary documents have been reviewed, specifically the Assignment to MICRON TECHNOLOGY, INC., filed concurrently herewith for recording, a copy of which is attached hereto, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

MICRON TECHNOLOGY, INC.  
ASSIGNEE

Mar 23, 1998  
DATE

  
Michael L. Lynch  
Chief Patent Counsel

Enclosure:  
Copy of Assignment

\\users\\kristineo\\ptpkko\\660073\\0498

102001 00104560

PATENT

## ADDENDUM A

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents  
Washington, DC 20231

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Sir:

In the matter of the patent applications identified in Exhibit A attached hereto, I, MICHAEL L. LYNCH, declare that I am a duly authorized designee of Micron Technology, Inc., the ASSIGNEE of the entire right, title and interest in and to the above-referenced patent applications. Documentary evidence of chain of title from the original owner to ASSIGNEE has been or is concurrently being filed with and recorded by the United States Patent Office. The evidentiary documents referred to in the instant Revocation and Power of Attorney have been reviewed by the undersigned, and it is certified that, to the best of ASSIGNEE's knowledge and belief, title is held solely in and by ASSIGNEE.

On behalf ASSIGNEE, I revoke all power of attorney heretofore given, and hereby appoint EDWARD W. BULCHIS, Reg. No. 26,847; JON F. TUTTLE, Reg. No. 25,713; PAUL T. MEIKLEJOHN, Reg. No. 26,569; GLENN P. RICKARDS, Reg. No. 29,428; DALE C. BARR, Reg. No. 40,498; KIMTON N. ENG, Reg. No. 43,605; DAVID E. BOONE, Reg. No. 27,857; SCOTT W. DOYLE, Reg. No. 39,176; REED R. HEIMBECHER, Reg. No. 36,353; JOHN T. KENNEDY, Reg. No. 42,717; GREGORY D. LEIBOLD, Reg. No. 36,408; GARY M. POLUMBUS, Reg. No. 25,364; THOMAS H. YOUNG, Reg. No. 25,796; W. ROBINSON H. CLARK, Reg. No. 41,530; GREGORY J. GLOVER, Reg. No. 34,173; JOHN K. HARROP, Reg. No. 41,817; CHRIS McWHINNEY, Reg. No. 42,875; ALDO NOTO, Reg. No. 35,628; MATTHEW PHILLIPS, Reg. No. 43,403; JOHN W. RYAN, Reg. No. 33,771; AMI P. SHAH,

Reg. No. 42,143; SEAN S. WOODEN, Reg. No. 43,997; MICHAEL C. GILCHRIST, Reg. No. 40,619; BRIAN J. LAURENZO, Reg. No. 34,207; SHANE COLEMAN, Reg. No. 44,623; RONALD J. BROWN, Reg. No. 29,016; DAVID E. BRUHN, Reg. No. 36,762; DAVID N. FRONEK, Reg. No. 25,678; JOSEPH F. HAAG, Reg. No. 42,612; STUART R. HEMPHILL, Reg. No. 28,084; GRANT A. JOHNSON, Reg. No. 42,696; KENNETH E. LEVITT, Reg. No. 39,747; NIALA A. MACLEOD, Reg. No. 41,963; SCOTT A. MARKS, Reg. No. 44,902; DEVAN V. PADMANABHAN, Reg. No. 38,262; GERALD H. SULLIVAN, Reg. No. 36,311; BRIAN PARK, Reg. No. P-45,519; MARK W. ROBERTS, Reg. No. P-46,160; STEVEN H. ARTERBERRY, Reg. No. P-46,314; of the firm of DORSEY & WHITNEY LLP; along with MICHAEL L. LYNCH, Reg. No. 30,871; LIA M. PAPPAS, Reg. No. 34,095; WALTER D. FIELDS, Reg. No. 37,130; CHARLES B. BRANTLEY, II, Reg. No. 38,086; KEVIN D. MARTIN, Reg. No. 37,882; and DAVID J. PAUL, Reg. No. 34,692, of MICRON TECHNOLOGY, INC., 8000 South Federal Way, Boise, Idaho 83706-9632, as its attorneys to transact all business in the Patent and Trademark Office connected therewith.

Please direct all future correspondence and telephone calls to:

Edward W. Bulchis  
DORSEY and WHITNEY LLP  
U.S. Bank Centre, Suite 3400  
1420 Fifth Avenue  
Seattle, Washington 98101  
(206)903-8800  
(206)903-8820 facsimile.

ASSIGNEE:

Micron Technology, Inc.

Date

Jan 3, 2000

By

Michael L. Lynch

Chief Patent Counsel

## Exhibit A

<u>Appl. No.</u>	<u>Attv Dkt #</u>	<u>Applicants</u>	<u>Filed</u>	<u>Title</u>
09/201,576	660073.703	Vishnu K. Agarwal and Scott Meikle	30-Nov-98	Polishing Pads and Planarizing Machines, for Mechanical or Chemical-Mechanical Planarization of Microelectronic-Device Substrate Assemblies, and Methods for Making and Using Such Pads and Machines

5011011  
 5011012  
 5011013  
 5011014  
 5011015  
 5011016  
 5011017  
 5011018  
 5011019  
 5011020  
 5011021  
 5011022  
 5011023  
 5011024  
 5011025  
 5011026  
 5011027  
 5011028  
 5011029  
 5011030  
 5011031  
 5011032  
 5011033  
 5011034  
 5011035  
 5011036  
 5011037  
 5011038  
 5011039  
 5011040  
 5011041  
 5011042  
 5011043  
 5011044  
 5011045  
 5011046  
 5011047  
 5011048  
 5011049  
 5011050  
 5011051  
 5011052  
 5011053  
 5011054  
 5011055  
 5011056  
 5011057  
 5011058  
 5011059  
 5011060  
 5011061  
 5011062  
 5011063  
 5011064  
 5011065  
 5011066  
 5011067  
 5011068  
 5011069  
 5011070  
 5011071  
 5011072  
 5011073  
 5011074  
 5011075  
 5011076  
 5011077  
 5011078  
 5011079  
 5011080  
 5011081  
 5011082  
 5011083  
 5011084  
 5011085  
 5011086  
 5011087  
 5011088  
 5011089  
 5011090  
 5011091  
 5011092  
 5011093  
 5011094  
 5011095  
 5011096  
 5011097  
 5011098  
 5011099  
 5011100  
 5011101  
 5011102  
 5011103  
 5011104  
 5011105  
 5011106  
 5011107  
 5011108  
 5011109  
 5011110  
 5011111  
 5011112  
 5011113  
 5011114  
 5011115  
 5011116  
 5011117  
 5011118  
 5011119  
 5011120  
 5011121  
 5011122  
 5011123  
 5011124  
 5011125  
 5011126  
 5011127  
 5011128  
 5011129  
 5011130  
 5011131  
 5011132  
 5011133  
 5011134  
 5011135  
 5011136  
 5011137  
 5011138  
 5011139  
 5011140  
 5011141  
 5011142  
 5011143  
 5011144  
 5011145  
 5011146  
 5011147  
 5011148  
 5011149  
 5011150  
 5011151  
 5011152  
 5011153  
 5011154  
 5011155  
 5011156  
 5011157  
 5011158  
 5011159  
 5011160  
 5011161  
 5011162  
 5011163  
 5011164  
 5011165  
 5011166  
 5011167  
 5011168  
 5011169  
 5011170  
 5011171  
 5011172  
 5011173  
 5011174  
 5011175  
 5011176  
 5011177  
 5011178  
 5011179  
 5011180  
 5011181  
 5011182  
 5011183  
 5011184  
 5011185  
 5011186  
 5011187  
 5011188  
 5011189  
 5011190  
 5011191  
 5011192  
 5011193  
 5011194  
 5011195  
 5011196  
 5011197  
 5011198  
 5011199  
 5011200  
 5011201  
 5011202  
 5011203  
 5011204  
 5011205  
 5011206  
 5011207  
 5011208  
 5011209  
 5011210  
 5011211  
 5011212  
 5011213  
 5011214  
 5011215  
 5011216  
 5011217  
 5011218  
 5011219  
 5011220  
 5011221  
 5011222  
 5011223  
 5011224  
 5011225  
 5011226  
 5011227  
 5011228  
 5011229  
 5011230  
 5011231  
 5011232  
 5011233  
 5011234  
 5011235  
 5011236  
 5011237  
 5011238  
 5011239  
 5011240  
 5011241  
 5011242  
 5011243  
 5011244  
 5011245  
 5011246  
 5011247  
 5011248  
 5011249  
 5011250  
 5011251  
 5011252  
 5011253  
 5011254  
 5011255  
 5011256  
 5011257  
 5011258  
 5011259  
 5011260  
 5011261  
 5011262  
 5011263  
 5011264  
 5011265  
 5011266  
 5011267  
 5011268  
 5011269  
 5011270  
 5011271  
 5011272  
 5011273  
 5011274  
 5011275  
 5011276  
 5011277  
 5011278  
 5011279  
 5011280  
 5011281  
 5011282  
 5011283  
 5011284  
 5011285  
 5011286  
 5011287  
 5011288  
 5011289  
 5011290  
 5011291  
 5011292  
 5011293  
 5011294  
 5011295  
 5011296  
 5011297  
 5011298  
 5011299  
 5011300  
 5011301  
 5011302  
 5011303  
 5011304  
 5011305  
 5011306  
 5011307  
 5011308  
 5011309  
 5011310  
 5011311  
 5011312  
 5011313  
 5011314  
 5011315  
 5011316  
 5011317  
 5011318  
 5011319  
 5011320  
 5011321  
 5011322  
 5011323  
 5011324  
 5011325  
 5011326  
 5011327  
 5011328  
 5011329  
 5011330  
 5011331  
 5011332  
 5011333  
 5011334  
 5011335  
 5011336  
 5011337  
 5011338  
 5011339  
 5011340  
 5011341  
 5011342  
 5011343  
 5011344  
 5011345  
 5011346  
 5011347  
 5011348  
 5011349  
 5011350  
 5011351